

**Resuelve las siguientes ecuaciones de primer grado con una incógnita**

- i.  $2x - 34 = 120$
- ii.  $9x + 8 = 7x + 16$
- iii.  $4x + 5 = 3x + 12$
- iv.  $7x + 9 = 57 + x$
- v.  $5x - 13 = 2x - 4$
- vi.  $x + 17 = 3x + 1$
- vii.  $6x + 160 = 40 + 8x$
- viii.  $9 + 9x = 117 - 3x$
- ix.  $2x + 1 = 3x - 2$
- x.  $25 - 2x = 3x - 35$
- xi.  $4x + 17 = 3x + 24$
- xii.  $7x - 3 = 21x - 9$
- xiii.  $1 + 8x = -64x + 46$
- xiv.  $5x - 11 = 15x - 33$
- xv.  $15x - 60 = -12x - 54$
- xvi.  $2x + 17 = 3x + 2$
- xvii.  $60 - 5x = x - 12$
- xviii.  $70 - 3x = 14 + x$
- xix.  $100 - 3x = 5x - 28$
- xx.  $10x - 17 = 4x + 85$
- xxi.  $3x + 1 = 7x - 11$
- xxii.  $47 - 2x = 5 + 12x$
- xxiii.  $10 - 9x = -7x + 21$
- xxiv.  $11x - 100 = 2x - 1$
- xxv.  $25 - 2x = 3x - 80$
- xxvi.  $100 - 5x = 4x - 71$
- xxvii.  $19 + 8x = 12x + 14$
- xxviii.  $21y - 3 = 10y + 195$
- xxix.  $2 - 6x = 36x - 5$
- xxx.  $4 - 24x + 500 = -3x$

- xxxi.**  $x - 5(x - 2) = 6x$   
**xxxii.**  $3x + 7 = 2(x + 8)$   
**xxxiii.**  $5x = 8(5x - 3) - 4$   
**xxxiv.**  $2(x - 6) = 3x - 19$   
**xxxv.**  $5 + 5(x - 13) = x$   
**xxxvi.**  $x - 2 = -3(4 - 2x)$   
**xxxvii.**  $2(9x - 49) = 15x + 10$   
**xxxviii.**  $120 = 2x - (15 - 7x)$   
**xxxix.**  $60x + 1 = 3(3 + x)$   
**xl.**  $15(x - 1) + 20(x + 1) = 75$   
**xli.**  $4x + 7(2x - 1) = x + 163$   
**xlII.**  $3 - 4x(25 - 2x) = 8x^2 + x - 300$   
**xlIII.**  $14x + 3(8x - 3) - 295 = 0$   
**xliv.**  $5[2x - 4(25 - 2x)] = -10x + 20$   
**xlV.**  $3x - 4(x - 2) = x - 10$   
**xlvi.**  $5x - 3(x + 5) = 3x + 10$   
**xlVII.**  $7(x - 18) = 3(x - 14)$   
**xlVIII.**  $5(x + 4) = 7x - 2$   
**xlIX.**  $38 + 7(x - 3) = 9(x + 1)$   
**I.**  $3(3 + 4x) = 4x + 15$   
**II.**  $104 - 9x = 4(5x - 3)$   
**III.**  $x + 3 = 11(2x - 15)$   
**IIII.**  $15x = 7(2 + 9x) - 30$   
**liv.**  $5(3x + 2) = 8(9 - 2x)$   
**lv.**  $x - 13 = 4[3x - 4(x - 2)]$   
**lvi.**  $9(13 - x) - 4x = 5(21 - 2x) + 9x$   
**lvII.**  $\frac{3x}{2} + 20 = x + 25$   
**lvIII.**  $2x + \frac{3x}{4} = \frac{x}{7} + 73$   
  
**liv.**  $2\left(\frac{x+5}{3}\right) = x - 2$